

Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda

**Monday, January 14, 2019
3:30 p.m. to 5:00 p.m.**

**Meeting Location: Woodland Community and Senior Center
2001 East Street, Woodland, Rooms 1 & 2**

NOTICE TO PUBLIC

Public documents relating to any open session item listed on this agenda that are distributed to all or most of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the Yolo Subbasin Groundwater Agency's Administrative Office at 34274 State Highway 16, Woodland 95695.

In compliance with the Americans with Disability Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting please contact Donna Gentile at (530) 662-3211. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

All items on the agenda will be open for the public comment before final action is taken. Speakers are requested to restrict comments to the item as it appears on the agenda and stay within a three-minute time limit. The Chair has the discretion of limiting the total time for an item.

- 3:30 1. CALL TO ORDER AND DETERMINATION OF QUORUM**
- 3:33 2. APPROVE AGENDA AND ADDING ITEMS TO THE POSTED AGENDA** – In order to add an agenda item, it must fit into one of the following categories: a) A majority determination that an emergency (as designed by the Brown Act) exists; or b) A 4/5ths determination that the need to take action arose subsequent to the agenda being posted.
- 3:35 3. PUBLIC FORUM** – The Public may address the Yolo Subbasin Groundwater Agency Board of Directors on any item of interest not appearing on the agenda that is within the subject matter of the Yolo Subbasin Groundwater Agency.
- 3:40 4. OPEN NOMINATIONS FOR ELECTION OF CHAIR AND VICE-CHAIR**, pages 3-5
- 3:50 5. REPORT OF THE CHAIR AND EXECUTIVE OFFICER**, pages 6-11
- 4:00 6. CONSENT ITEMS**, pages 12-23
 - a. Approve September 17, 2018 Board of Directors' Meeting Minutes, pages 13-16
 - b. Receive Fiscal Year 2018-19 Financial Statements: July 2018-November 2018, pages 17-21
 - c. Approve 2019 Board of Directors' Meeting Dates: 1/14, 3/18, 6/17, 9/16, and 11/18, page 22
 - d. Receive Report on Selection of Firm to Perform Audits for Fiscal Years Ending 2017-2018, 2018-2019, and 2019-2020, page 23
- 4:05 7. DWR UPDATE** – Report from Barrett Kaasa, DWR on programs of interest to the YSGA

4:10 8. UPDATE ON BASIN BOUNDARY MODIFICATION REQUEST, pages 24-25

4:15 9. UPDATE ON GROUNDWATER SUSTAINABILITY PLAN DEVELOPMENT, pages 26-28

4:50 10. MEMBERS' REPORTS AND FUTURE AGENDA ITEMS – Yolo Subbasin Groundwater Agency Members are invited to briefly report on current issues and recommended topics for future Yolo Subbasin Groundwater Agency Board of Directors meetings.

- a. Establishment of Subcommittee for Merger of Water Resources Association of Yolo County (WRA) and Yolo Subbasin Groundwater Agency and Reconsideration of Voting Structure and Expense Allocation (Agreement Section 5.11)
- b. "White Area" Annexation
- c. White Paper on Areas of Special Concern

4:59 11. NEXT MEETING – Monday, March 18, 2019

5:00 12. ADJOURNMENT

Consideration of items not on the posted agenda, items in the following categories: 1) majority determination that an emergency (as defined by the Brown Act) exists; or 2) a 4/5ths determination that the need to take action arose subsequent to posting of the agenda. I declare under penalty of perjury that the foregoing agenda for the January 14, 2019 meeting of the Board of Directors of the Yolo Subbasin Groundwater Agency (YSGA) was posted by January 11, 2019 and made available to the public during normal business hours at the following locations: Woodland Community and Senior Center, 2001 East Street, Woodland 95776 and the YSGA's office at 34274 State Highway 16, Woodland 95695.



Donna L. Gentile
Board Secretary

Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda Report

MEETING DATE: January 14, 2019

AGENDA ITEM NO. 4

SUBJECT: Consideration: Open Nominations for Election of Chair and Vice-Chair

INITIATED OR ☒ BOARD

☐ INFORMATION

REQUESTED BY: ☐ STAFF

☒ ACTION: ☒ MOTION

☐ OTHER _____

☐ RESOLUTION

ATTACHMENT ☒ YES ☐ NO

BACKGROUND

Babs Sandeen has represented the City of West Sacramento and served as the Chair of the YSGA Board of Directors since the establishment of the organization in June 2017. The City of West Sacramento recently realigned its Board Committee assignments and Ms. Sandeen will not be serving as their representative to the YSGA. Accordingly, she has resigned from her position as Chair (see attached draft City Council meeting minutes as letter of resignation).

The Joint Exercise of Powers Agreement (JPA) calls for the Vice-Chair to act as the Chairperson in their absence. It is the recommendation of the Executive Officer, in consultation with members of the Executive Committee, that the acting Chair should call for nominations to fill these two positions. It is also recommended that the Board continue to have one of these positions filled by a representative of the rural community, while the other position be filled by a representative of the urban community.

RECOMMENDATION

Recommend the Board receive nominations for Chair and Vice-Chair and vote to elect a Board representative to these positions.

**REGULAR MEETING OF THE
CITY OF WEST SACRAMENTO CITY COUNCIL,
REDEVELOPMENT SUCCESSOR AGENCY, AND
WEST SACRAMENTO FINANCING AUTHORITY**

December 19, 2018

Minutes

DRAFT

The regular meeting was called to order at 7:03 PM in the Council Chambers, 1110 West Capitol Avenue, West Sacramento, California. All members were present. Mayor Cabaldon presided.

Entry No. 1

Heard General Administration Functions as follows:

Heard presentations by the public on matters not on the agenda.

Councilmember Sandeen reported that the West Sacramento Area Flood Control Agency approved a contract with HDR Engineering for services to certify the Southport Levee Improvement Project through the Institute for Sustainable Infrastructure and Vision Program and found that the state costs share could increase due to advancing contributions to state sustainability as long as the study goes well; approved adjustments in the 2017-2018 budget; amended the 2018-2019 budget; heard project updates; met with the new federal lobbyist who is working to secure funding; received \$400,000 in US Army Corp of Engineers funding for the 2019 work plan to initiate pre-construction engineering and design activities; and continue to work on improving the project's benefit-to-cost ratio to at least 2.5 to be in a better position for project construction funding in 2020.

Councilmember Sandeen also reported that she attended the West Sacramento Police Department Awards Program; the Grand Opening of West Beamer Place in Woodland; and the Grand Opening and Naming Ceremony for the Helen M. Thompson Health and Human Services Davis Center.

Mayor Cabaldon reported that the preliminary Sacramento Area Council of Governments grants have been approved for the City of West Sacramento for projects including the Riverwalk Trail Extension north of the I Street Bridge to the boat ramp including sidewalk and pedestrian trail improvements in the Washington District; and acknowledged City staff in Engineering and Finance for successfully preparing the grant applications.

Mayor Cabaldon continued to report that he attended the New Deal Leaders Session in Washington, D.C. and presented on the West Sacramento Home Run program as one of the promising innovations in the country addressing preparations for massive changes in the workforce as automation and displacement of jobs in the industrial sector which is highly susceptible to automation, by creating programs for developing a broad range of deep skills for adapting to the changing workforce; and is participating in a coalition on the portable benefits issue of unbundling benefits and finding alternative universal solutions to employer-based benefits.

Mayor Cabaldon also reported that the City was one of nine cities selected to participate at the inaugural Smart Cities Leadership Institute at New York University due to work on mobility with innovations such as JUMP Bikes; and work on civic engagement which is more equitable and inclusive, more effective, responsive, and democratic. Of the nine cities, the civic engagement project presented by the City of West Sacramento was selected as the top project in the Smart Cities Leadership Institute which will be bringing work done by Deputy City Manager Jon Robinson, Information Technology Manager Robert Miller, and Program Manager Ian Winbrock together with additional resources at New York University and other startups.

Entry No. 2

Minute Order 18-90: Mayor Cabaldon announced the following Council Assignments:

City/County 2x2-Primary Members: Sandeen, Orozco.

City/School 2x2-Primary Members: Orozco, Cabaldon.

Bikeshare Policy Steering Committee-Primary Member: Cabaldon.

Greater Sacramento Economic Council Board-Primary Member: Cabaldon.

IFD Public Financing Authority-Primary Members: Ledesma, Cabaldon. Public Member: Russ Liebig.

League of California Cities-Primary Representative: Sandeen.

Mayors Commission on Climate Change-Primary Member: Ledesma.

Port District Commission-Primary Members: Cabaldon, Ledesma, and Sandeen. Public Member: Mike McGowan. Alternate Member: Orozco.

Regional Water Authority-Primary Member: Guerrero.

River City Regional Stadium Financing Authority-Primary Member: Cabaldon, Sandeen.

Sacramento Area Council of Governments-Primary Member: Cabaldon. Alternate Member: Ledesma.

Sacramento Regional County Sanitation District Board-Primary Member: Orozco. Alternate Member: Sandeen.

Streetcar Policy Steering Committee-Primary Members: Cabaldon, Ledesma. Alternate Member: Sandeen.

Water Resources Association-Primary Member: Guerrero.

West Sacramento Area Flood Control Agency JPA-Primary Member: Sandeen. Alternate Member: Ledesma.

West Sacramento Housing Development Corporation Liaison-Primary Member: Sandeen.

Yolo County Housing Authority-Primary Member: Sandeen.

Yolo County Transportation District-Primary Member: Ledesma. Alternate Member: Sandeen.

Yolo Subbasin Sustainable Groundwater Agency-Primary Member: Guerrero.

Yolo Habitat Conservancy-Primary Member: Guerrero. Alternate Member: Ledesma.

Yolo-Solano Air Quality Management District-Primary Member: Sandeen. Alternate Member: Guerrero.

Align Capital Region-Primary Member: Cabaldon.

Yolo County Consolidated Redevelopment Successor Agency Oversight Board-Primary Member: Ledesma.

Delta Protection Commission-Primary Member: Cabaldon. Alternate Member: Sandeen.

Executive Commission for the Homeless 10-Year Plan-Primary Member: Orozco.

Local Agency Formation Commission-Alternate Representative: Sandeen

MOTION: Orozco. SECOND: Ledesma. AYES: Guerrero, Sandeen, Cabaldon.

Entry No. 3

Minute Order 18-91: Mayor Cabaldon appointed the City's Board and Commission members to the 2019-2020 term ending on December 31, 2020 as follows:

Arts, Culture & Historic Preservation Commission

Regular Members: Denise Domke Seals, Melinda Garcia, Christina Jourdan, Gail Klauer, Julia McMichael, Don Schatzel, and Alfonso Voychez; and Alternate Member: Alisha Olson.

Board of Appeals

Regular Members: Sean Arnold, Diane Gould, Ryan Harrison, Harry Heinz, and Shana Levine; and Alternate Member: Rob Gunn.

Disaster Council

Regular Member: Alexis "Al" Casciato; and Alternate Member: Peter Blando.

Economic Development & Housing Commission

Regular Members: Peggy Bell, Nicole Di Camillo, Andrew Kehoe, Crystal Lee Matter, Daniel Lars Olsen, Ron Price, and Chris White; and Alternate Member: Adam Reifman.

Environment & Utilities Commission

Regular Members: Jose Santiago Altamirano, Sam Bivins, Dayna Cordona, Matthew Criswell, Jennifer Green, Lori Hawkins, and William Naddy; and Alternate Member: Meredith Petrie.

Parks, Recreation & Intergenerational Services Commission

Regular Members: Arooj Ahmad, Nate Eckler, Matthew Hargrove, David M. Jans, Greg Price, Suzanne Reed, and Danny Sandoval; and Alternate Member: Sasha Horwitz.

Planning Commission

Regular Members: Bernadette Austin-Bower, Rosaria "Aria" Berliner, Francisco Castillo, Brendan Leonard, Russ Liebig, and Andrew Sturmfels; and Alternate Member: Thomas Vu.

**Yolo Subbasin Groundwater Agency Board of Directors
Meeting Agenda Report**

MEETING DATE: January 14, 2019

AGENDA ITEM NO. 5

SUBJECT: Report of the Chair and Executive Officer

INITIATED OR ☐ BOARD

☒ INFORMATION

REQUESTED BY: ☒ STAFF

☐ ACTION: ☐ MOTION

☐ OTHER _____

☐ RESOLUTION

ATTACHMENT ☒ YES ☐ NO

BACKGROUND

The Chair and Executive Officer will provide either an oral or written report on recent activities.
A written report from the Executive Officer is attached.

RECOMMENDATION

This agenda item is for informational purposes only. No Board action is required.

Date: January 11, 2019
To: YSGA Board of Directors
From: Tim O'Halloran, Executive Officer
Subject: Report of the Executive Officer

Recommendation

For informational purposes only. No Board action required.

Background

Following is an update to the Board of Directors of the YSGA on activities and issues related to the ongoing implementation of the Sustainable Groundwater Management Act (SGMA). This report should be considered as a summary document so that Board members and other interested parties can quickly read about the general activities taking place between YSGA Board meetings. Board members should feel free to contact me at any time for more detail or with ideas and/or questions that they might have regarding the program.

Since the September 17, 2018 meeting of the YSGA the following activities have taken place;

Program Administration

Two meetings (October 23 and December 11, 2018) were held by the YSGA Executive Committee (EC). The EC, consisting of Chair Sandeen, Vice-Chair Cornwell, Lynnel Pollock, Kurt Balasek, and Executive Officer O'Halloran, discussed logistical issues related to the establishment of a new JPA and the development of the Groundwater Sustainability Plan (GSP). The next meeting of the YSGA EC is scheduled for February 27, 2019 from 12:30 to 1:00 p.m. at the Yolo County Flood Control and Water Conservation District (YCFC&WCD) Headquarters in Woodland.

A large part of the focus during this period has been on developing the individual entity water budgets as well as general outreach to individual and group stakeholders. To this end, a number of meetings have been held, including the following:

1. Water Budget workshops with Stockholm Environment Institute (SEI) and YCFC&WCD Staff, October 26, 2018; November 9, 2018; December 14, 2018; December 20, 2018; and January 4, 2019

As approved at the June 2018 Board meeting, staff submitted a Basin Boundary Modification Request on September 14, 2018 to bring Reclamation Districts (RD) 150 and 999 (and potentially RD 307) into the Yolo Subbasin. Draft modifications were announced on November 29, 2018, and the Yolo Subbasin was modified to incorporate all three RDs into the Yolo Subbasin. Final modifications are expected to be announced in February 2019.

Briefings were provided to the two new YSGA Board members from the Cities of West Sacramento and Woodland.

Additionally, staff continued to communicate with Colusa Groundwater Authority and the Solano Subbasin GSA on general GSP coordination.

The <http://yologroundwater.org> website was maintained and updated to reflect current activities.

Program Implementation

Water Budgets: As noted above, SEI continued developing the regional and entity-specific water budgets. All JPA members (water purveyors) are represented in the model. Work during this period included data gathering, calibration, and documentation. While these model water budgets will be continually updated and refined through the life of the program, the vast majority of the work involved in building the program structure and initial data sets is complete.

Grant Applications: The YCFC&WCD has been working with DWR on the technical support services' agreement for videlogging monitoring wells lacking construction information. The agreement is currently being reviewed by DWR's legal team.

Also, the County of Yolo, with support and participation of the YCFC&WCD, submitted a Wildlife Conservation Board grant application to examine enhanced streamflows in Cache Creek from Capay Dam to the USGS Yolo gauging station (approximately 9 miles). It is hoped that this project will lead to a better understanding of the surface water-groundwater interactions that are required by the SGMA legislation. Draft proposal recommendations should be announced January 2019.

Groundwater Monitoring: The groundwater monitoring program continues to track groundwater elevations through the year. All real-time groundwater level information can be viewed on the YSGA's website at <http://yologroundwater.org>.

Technical discussions continue to determine how to expand and enhance the groundwater monitoring program once the GSP grant agreement is finalized. A hydrograph is included below illustrating the biannual groundwater level recordings from the Water Resources Information Database (WRID) wells.

Additional groundwater level monitoring sensors have been added to the network, with additional sensors scheduled to be installed this winter.

Actions to Improve Groundwater Conditions: Hostetler Ranches and Boundary Bend Limited have been in discussions with the YCFC&WCD to use surface water in the future to relieve stress on groundwater resources in the areas adjacent to Golden Bear Estates.

Program Outreach

Staff participated in a number of meetings/workshops/conferences related to SGMA and groundwater recharge and protection, which include the following:

1. Meetings with the ACWA working group on the SWRCB groundwater permit proposal (September 25, 2018; O'Halloran, Sicke)
2. Participated in The Nature Conservancy's workshop on groundwater dependent ecosystems (September 26, 2018; O'Halloran)
3. Meeting with groundwater consultant Steve Baker to discuss fractured rock aquifers as they might relate to the Capay Valley conditions (October 10, 2018; O'Halloran, Sicke, Stevenson)
4. Attended ACWA 2018 Fall Conference and participated in the ACWA Groundwater Committee Meeting (November 27-29, 2018; Director Barth, O'Halloran, Sicke)

5. Participated in the NCWA Groundwater Management Task Force to discuss local SGMA implementation (December 10, 2018; O'Halloran, Sicke)
6. Meeting with Yolo County Farm Bureau and NCWA to discuss YSGA's nexus with CV SALTS (December 11, 2018; Director Sagara, O'Halloran, Sicke)
7. Yolo Subbasin GSP Strategic Planning Session (January 3, 2019; O'Halloran, Stevenson, Sicke)
8. Meeting with Kevin O'Brien and David Gutierrez to Discuss YSGA and WRA 2019 Strategic Plan (January 8, 2019; Directors Barth and Cornwell, O'Halloran, Gentile, Stevenson, Sicke)

Other Items of Note

YCFC&WCD received a temporary permit to divert excess storm water to groundwater recharge in the winter and spring of 2019.

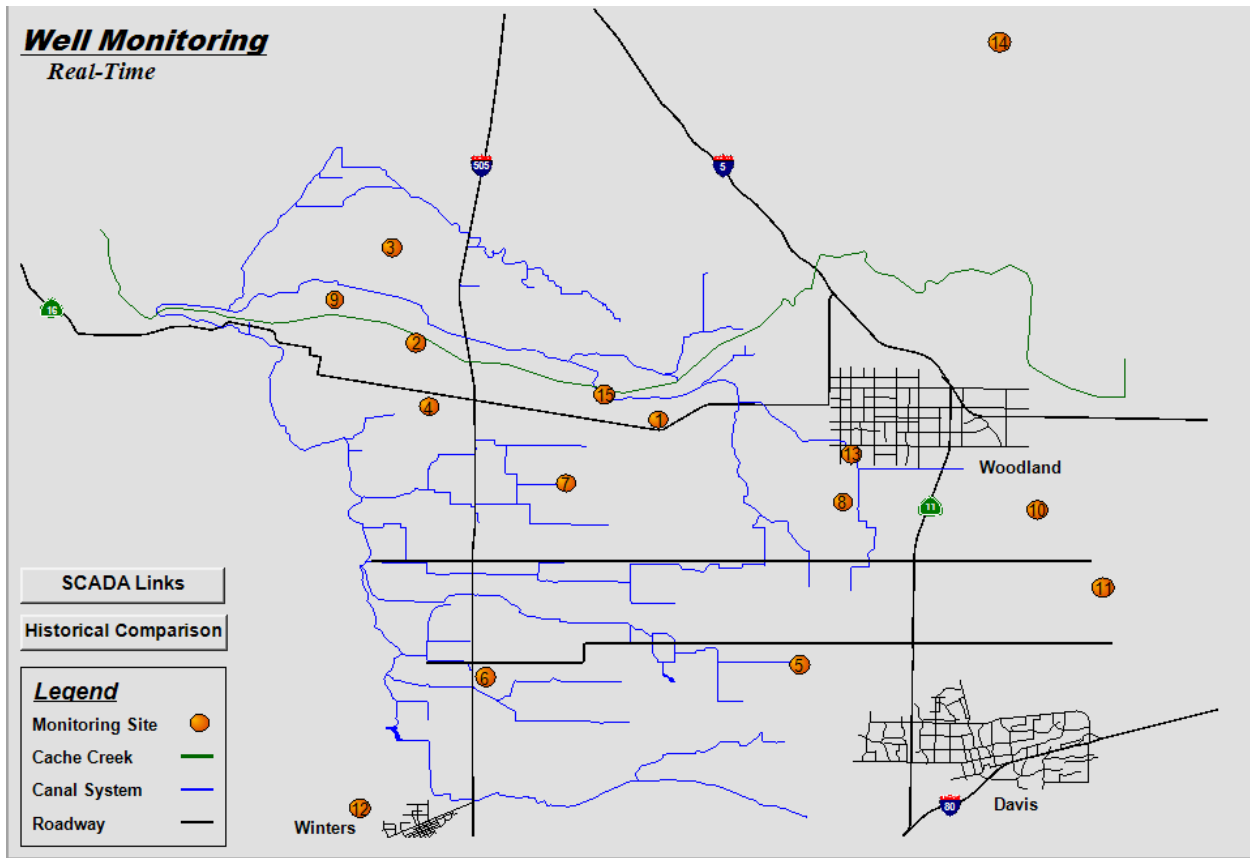
Current Groundwater Conditions

Since the end of the irrigation season, groundwater levels have been trending up as expected. When compared to last year's elevations (as shown on the historical depth to water table below) there is less than an average of 2.4-foot difference between the two years.

Included below are the following graphics that illustrate the current groundwater conditions and monitoring efforts.

1. A location map of the 15 real-time monitoring locations currently operating in Western Yolo County. We hope to expand this network to include representative points throughout the Yolo Subbasin.
2. A table showing historical groundwater elevations on a specific date (January 9, 2019 in this example).
3. A hydrograph of average groundwater levels based on 117 monitored wells throughout Western Yolo County. These measurements are taken twice annually, once in the spring when groundwater levels are at their highest and again in the fall when groundwater levels are at their lowest. This hydrograph contains the fall 2018 measurements.

This data is current as of January 9, 2019. Visit <http://yologroundwater.org> for more detailed information.



Well Monitoring

Depth to Water Historical Comparison

(Daily Average DTW in feet)

SCADA Links

Well Map

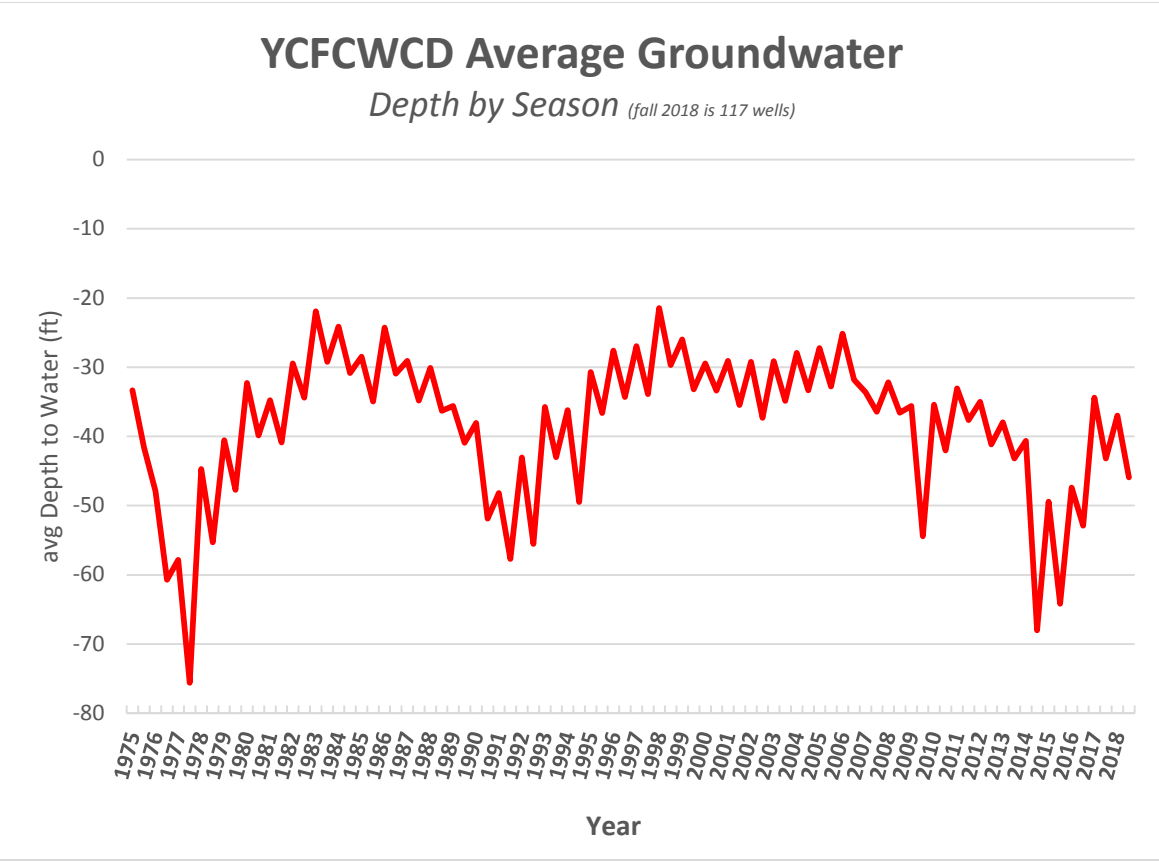
01/09/19

Comparison Trends

Comparison Table 2

Select Date

Well	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Δ 2018 - 2019
1.		88.9	82.0	80.7	82.3	93.3	110.0	113.9	101.3	95.3	101.1	-5.8
2.		38.3	31.1	30.0	29.0	37.6	43.4	47.6	33.7	30.2	31.1	-8
3.			44.2	39.0	40.1	50.9	66.1	65.4	50.9	39.6	42.6	-3.1
4.			27.6	26.3	23.1	33.0	41.8	47.4	32.6	27.7	27.1	.7
5.				20.2	20.8	28.7	33.2	39.7	35.1	27.0	29.4	-2.4
6.				34.8	31.4	57.2	50.3	54.8	41.3	33.2	36.7	-3.5
7.						20.2	35.5	38.0	23.8	23.7	21.7	1.9
8.						52.0	64.3	67.9	60.1	44.9	47.5	-2.6
9.						52.0	65.4	67.2	50.1	40.4	42.1	-1.7
10.								34.0	27.7	16.4	19.7	-3.3
11.								16.7	12.6	10.6	12.1	-1.6
12.											117.3	
13.										56.6	57.7	-1.0
14.											11.7	
15s.											40.8	



Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda Report

MEETING DATE: January 14, 2019

AGENDA ITEM NO. 6

SUBJECT: Consideration: Consent Items

INITIATED OR ☐ BOARD
REQUESTED BY: ☒ STAFF
☐ OTHER _____

☐ INFORMATION
☒ ACTION: ☒ MOTION
☐ RESOLUTION

ATTACHMENT ☒ YES ☐ NO

BACKGROUND

a. Approve September 17, 2018 Board of Directors' Meeting Minutes

Pursuant to Section 54957.5 of the Brown Act, copies of the draft minutes are available to the public at the Board meetings prior to their approval.

b. Receive Fiscal Year 2018-2019 Financial Statements: July 2018 to November 2018

Financial statements are included for July 1, 2018 to November 30, 2018.

c. Approve 2019 Board of Directors' Meeting Dates

Approve proposed meeting dates for the 2019 calendar year as detailed in the attached report.

d. Receive Report on Selection of Firm to Perform Audits for Fiscal Years Ending 2017-2018, 2018-2019, and 2019-2020

The Executive Committee assisted in reviewing proposals received for financial auditing services from qualified firms as detailed in the attached report.

RECOMMENDATION

- a. Recommend the adoption of the attached September 17, 2018 Board meeting minutes with any corrections.
- b. This agenda item is for informational purposes only. No Board action is required.
- c. Recommend approval of 2019 Board of Directors' meeting dates.
- d. This agenda item is for informational purposes only. No Board action is required.

Yolo Subbasin Groundwater Agency
Board of Directors' Meeting Minutes (DRAFT)

Monday, September 17, 2018, 3:30 p.m.

Woodland Community and Senior Center, 2001 East Street, Woodland, CA 95776

- 1. CALL TO ORDER and DETERMINATION OF QUORUM:** Meeting called to order at 3:30 p.m. by Beverly Sandeen, Chair.

Kristin Sicke conducted a roll call and determined a quorum was present.

The following Board members and (alternates) were in attendance:

California American Water Company Dunnigan: Evan Jacobs
City of West Sacramento: Beverly Sandeen, Board Chair
City of Winters: Jesse Loren
City of Woodland: Skip Davies
Colusa Drain Mutual Water Company (CDMWC): Lynnel Pollock
Environmental Representative: Ann Brice
Esparto Community Service District (CSD): (Steve Knightley)
Madison CSD: Leo Refsland
Reclamation District (RD)108: (Bill Vanderwaal)
RD 537: Tom Ramos
RD 765: David Dickson
RD 785: Ross Peabody
RD 787: Roger Cornwell, Board Vice-chair, (Dominic Bruno)
RD 827: Dan Ramos
RD 2035: (Mike Hall)
University of California Davis (UCD): Camille Kirk
Yocha Dehe Wintun Nation: (Marc Fawns)
Yolo County Farm Bureau (YCFB): Stan Lester, (Denise Sagara)
Yolo County Flood Control & Water Conservation District (YCFC&WCD): Tom Barth

ABSENT: City of Davis, County of Yolo, Dunnigan Water District, RD 730, and RD 1600

- 2. APPROVE AGENDA:** The Board approved the September 17, 2018 agenda as posted. Motioned by RD 787 to approve the agenda, seconded by RD 108 and unanimously approved. Absent: City of Davis, County of Yolo, Dunnigan Water District, RD 730, and RD 1600
- 3. PUBLIC FORUM:** No comments from the public.
- 4. REPORT OF THE CHAIR and EXECUTIVE OFFICER:** Kristin Sicke highlighted several items from Tim O'Halloran's Executive Officer report summarizing activities since the last Board meeting (Agenda pages 3 - 10).
- 5. CONSENT ITEMS:** Motioned by UC Davis to approve all consent items, seconded by YCFC&WCD and unanimously approved. Absent: City of Davis, County of Yolo, Dunnigan Water District, RD 730, and RD 1600
- a. Approved June 18, 2018 Board of Directors meeting minutes
 - b. Received Fiscal Year End 2017-2018 Financial Statements: July 2017 to June 2018

- c. Approved distribution of Request for Proposals for a FY2017-18 audit and authorized selection of auditor by the Executive Committee and the Executive Officer.
- d. No Board action required. Informational item: YSGA representation on the ACWA JPIA Board of Directors.

Chair Sandeen acknowledged that Director Tom Barth offered to be the YSGA representative on the ACWA JPIA Board of Directors (ref. Consent Item 5d.). The Board did not express any opposition to this assignment.

6. DEPARTMENT OF WATER RESOURCES (DWR) UPDATE

Barrett Kaasa, DWR, gave an update on items related to the Sustainable Groundwater Management Act (SGMA) program. His summary notes are included at the end of these minutes.

7. UPDATE ON YOLO SUBBASIN BASIN BOUNDARY MODIFICATION (BBM), Kristin Sicke, YCFC&WCD, summarized the BBM submitted to DWR. The subbasin modification alters the internal boundary between the Yolo and Solano Subbasins within and along Yolo County. Two potential BBM scenarios were illustrated in maps included with the agenda (with and without Reclamation District (RD) 307). The other two Clarksburg area RDs, RD 150 and 999, requested to join the Yolo Subbasin since the initial 2016 BBM was submitted. The BBM submitted includes provision for a plan B process to include RD 307 if they want to reconsider joining at a later time. Kristin explained the next steps for DWR's acceptance of Yolo's BBM.

8. UPDATE ON WATER BUDGET PROCESS, Kristin Sicke reported on the status of the water budget process. The Stockholm Environment Institute (SEI) has met with the individual entities of the YSGA membership to cull data and information to develop unique entity-water budgets that will comprise the overall Yolo Subbasin Water Budget. Details for developing the Yolo Subbasin GSP can be found at <http://yologroundwater.org/index.php/yolo-subbasin-groundwater-sustainability-plan/> that includes the Work Plan, Budget, and Schedule. More information on the status of the GSP development is anticipated at the November Board meeting.

9. MEMBERS' REPORTS and FUTURE AGENDA ITEMS – YSGA Members were invited to briefly report on current issues and recommended topics for future YSGA Board of Directors meetings. Vice-Chair Cornwell distributed a handout prepared by the Northern California Water Association summarizing the SGMA-related benefits in Proposition 3, which is on the November ballot. <http://www.norcalwater.org/2018/09/12/proposition-3-makes-important-investments-in-sustainable-groundwater-management-in-california/>

- a. Establishment of Subcommittee for Reconsideration of Voting Structure and Expense Allocation (Agreement Section 5.11) – *Chair Sandeen informed that the Executive Committee will discuss this item at their October 23 meeting. Recommendation will be presented at the November Board meeting.*
- b. “Gray” Area Annexation
- c. White Paper on Areas of Special Concern

10. NEXT MEETING – Monday, November 19, 2018

11. ADJOURNMENT – Motion to adjourn by the CDMWC, seconded by RD 787 and was unanimously approved. Meeting was adjourned at 4:00 p.m.

Absent: City of Davis, County of Yolo, Dunnigan Water District, RD 730, and RD 1600

Respectfully submitted,
Donna L. Gentile,
Board Secretary & Administrative Coordinator



**California Department of Water Resources
Division of Integrated Regional Water Management
North Central Region Office**

Prepared for **Yolo GSA** Board Meeting,
Monday, September 17, 2018.

North Central Regional Office Contact:

Barrett Kaasa, Senior Engineering Geologist
E-mail: bkaasa@water.ca.gov
Phone: (916) 376-9618

Office Address:

3500 Industrial Blvd, Room 131
West Sacramento, CA 95691
Office Phone: (916) 376-9600

A. Prop 1 Sustainable Groundwater Planning Grant Program

DWR Financial Assistance Branch (water.ca.gov/funding)

Financial Assistance Mailing List Subscription: <http://www.water.ca.gov/funding/subscription.cfm>

→ Sustainable Groundwater Planning Grant Program

Program Website: water.ca.gov/irwm/grants/sgwp/

- DWR is currently finalizing grant agreements
- Final drafts should be sent to grantees this week

Groundwater Planning Grant Program Contact:

Barrett Kaasa
E-mail: Barrett.Kaasa@water.ca.gov
Phone: (916) 376-9618

B. Sustainable Groundwater Management (SGM) Updates

DWR Sustainable Groundwater Management Branch (water.ca.gov/groundwater/sgm)

SGM Mailing List Subscription: water.ca.gov/groundwater/sgm/subscribe.cfm

→ SGMA Technical Support Services

- Yolo's general application has been approved.
- Yolo's service request for Video Logging is currently under review

TSS Coordinator:

Bryce Russell
E-mail: Bryce.Russell@water.ca.gov
Phone: (916) 376-9620

→ Basin Boundary Modifications

- http://www.water.ca.gov/groundwater/sgm/basin_boundaries.cfm
- Basin boundary modification submission period closes on September 28, 2018

- Yolo's modification request has been received
- Draft basin boundary modifications and 30-day public comment period are expected on Winter 2018

BBM Project Manager:

Dane Mathis

Dane.Mathis@water.ca.gov

(559) 230-3354

→ Basin Boundary Reprioritization

- <https://www.water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>
- Basin reprioritization data and public comments are available online
- Public comment period closed on August 20th.
- Basins with no modification requests: final prioritization expected November 2018
- Basins with modification requests: Draft prioritization expected February 2019, Final May 2019

→ Climate Change Data and Resource Guide

- https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/Resource-Guide-Climate-Change-Guidance_v8.pdf
- Provides a high level overview of climate change resources, datasets, and tools provided by DWR.

Yolo Subbasin Groundwater Agency

Balance Sheet

As of November 30, 2018

	<u>Nov 30, 18</u>
ASSETS	
Current Assets	
Checking/Savings	
1000 - 1st Northern-Checking	4,492.31
1010 - 1st Northern-Savings	35,511.43
1020 - Yolo County Treasury	442,463.60
Total Checking/Savings	<u>482,467.34</u>
Accounts Receivable	
1100 - Accounts Receivable	117,100.00
Total Accounts Receivable	<u>117,100.00</u>
Total Current Assets	<u>599,567.34</u>
TOTAL ASSETS	<u><u>599,567.34</u></u>
LIABILITIES & EQUITY	
Equity	
3200 - Retained Earnings	239,252.14
Net Income	360,315.20
Total Equity	<u>599,567.34</u>
TOTAL LIABILITIES & EQUITY	<u><u>599,567.34</u></u>

Yolo Subbasin Groundwater Agency
FY2018-2019 Budget vs. Actual
July 2018 through November 2018

	Jul - Nov 18	Budget	% of Budget
Income			
4000 · Member Contributions-Municipal	160,000.00	160,000.00	100.0%
4100 · Member Contributions-Rural	221,874.00	221,874.00	100.0%
4200 · Member Contributions-Affiliates	65,000.00	65,000.00	100.0%
4300 · Direct Contribution-White Areas	0.00	20,000.00	0.0%
4400 · Interest Income	910.21	2,000.00	45.51%
Total Income	447,784.21	468,874.00	95.5%
Expense			
5100 · Bank & Other Fees	72.76	500.00	14.55%
5300 · Insurance-General & Auto	1,969.00	2,000.00	98.45%
5500 · Membership Dues	0.00	1,000.00	0.0%
7000 · Admin. Services/Expenses (WRA)	50,000.00	120,000.00	41.67%
7100 · Project Mgmt-SGMA Implementatio	33,922.25	110,000.00	30.84%
7200 · Consultant Services	0.00	20,000.00	0.0%
7300 · Legal Services	1,505.00	20,000.00	7.53%
7500 · GW Monitoring-Real-time Sensors	0.00	80,000.00	0.0%
7600 · YC Groundwater Monitor Program	0.00	42,064.00	0.0%
Total Expense	87,469.01	395,564.00	22.11%
Net Income	360,315.20	73,310.00	

Yolo Subbasin Groundwater Agency
Profit & Loss by Month
July 2018 through November 2018

	<u>Jul 18</u>	<u>Aug 18</u>	<u>Sep 18</u>	<u>Oct 18</u>	<u>Nov 18</u>	<u>TOTAL</u>
Income						
4000 · Member Contributions-Municipal	0.00	0.00	160,000.00	0.00	0.00	160,000.00
4100 · Member Contributions-Rural	0.00	0.00	221,874.00	0.00	0.00	221,874.00
4200 · Member Contributions-Affiliates	0.00	0.00	65,000.00	0.00	0.00	65,000.00
4400 · Interest Income	0.00	0.00	6.03	904.18	0.00	910.21
Total Income	<u>0.00</u>	<u>0.00</u>	<u>446,880.03</u>	<u>904.18</u>	<u>0.00</u>	<u>447,784.21</u>
Expense						
5100 · Bank & Other Fees	0.00	0.00	0.00	47.76	25.00	72.76
5300 · Insurance-General & Auto	0.00	0.00	0.00	1,969.00	0.00	1,969.00
7000 · Admin. Services/Expenses (WRA)	0.00	50,000.00	0.00	0.00	0.00	50,000.00
7100 · Project Mgmt-SGMA Implementatio	0.00	0.00	0.00	33,922.25	0.00	33,922.25
7300 · Legal Services	0.00	0.00	0.00	1,505.00	0.00	1,505.00
Total Expense	<u>0.00</u>	<u>50,000.00</u>	<u>0.00</u>	<u>37,444.01</u>	<u>25.00</u>	<u>87,469.01</u>
Net Income	<u>0.00</u>	<u>-50,000.00</u>	<u>446,880.03</u>	<u>-36,539.83</u>	<u>-25.00</u>	<u>360,315.20</u>

Yolo Subbasin Groundwater Agency
Transaction List by Date
July 2018 through November 2018

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount
Transfer	07/30/2018			Funds Transfer	1010 · 1st Northern-Savings	√	1000 · 1st Northern-Checking	-96,000.00
Bill Pmt -Check	08/01/2018	110	Downey Brand		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-1,720.00
Bill Pmt -Check	08/01/2018	111	Yolo County Flood Control & WCD		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-94,566.29
Transfer	08/16/2018			Funds Transfer ACH #2124	1020 · Yolo County Treasury	√	1000 · 1st Northern-Checking	-110,000.00
Bill	08/20/2018	2018-09	Water Resources Association of Yolo Cty		2000 · Accounts Payable		7000 · Admin. Services/Expenses (WRA)	-50,000.00
Bill Pmt -Check	08/21/2018	112	Water Resources Association of Yolo Cty		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-50,000.00
Transfer	08/22/2018			Funds Transfer	1000 · 1st Northern-Checking	√	1010 · 1st Northern-Savings	-60,000.00
Invoice	09/13/2018	2018-01	City of West Sacramento		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	09/13/2018	2018-02	Reclamation District 1600		1100 · Accounts Receivable		4100 · Member Contributions-Rural	3,462.00
Invoice	09/13/2018	2018-03	Reclamation District 827		1100 · Accounts Receivable		4100 · Member Contributions-Rural	613.00
Invoice	09/13/2018	2018-04	Reclamation District 787		1100 · Accounts Receivable		4100 · Member Contributions-Rural	14,700.00
Invoice	09/13/2018	2018-05	Reclamation District 765		1100 · Accounts Receivable		4100 · Member Contributions-Rural	700.00
Invoice	09/13/2018	2018-06	Reclamation District 730		1100 · Accounts Receivable		4100 · Member Contributions-Rural	2,249.00
Invoice	09/13/2018	2018-07	Yolo County Farm Bureau		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	10,000.00
Invoice	09/13/2018	2018-08	California American Water Company		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	5,000.00
Invoice	09/13/2018	2018-09	Colusa Drain Mutual Water Comany		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	10,000.00
Invoice	09/13/2018	2018-10	Reclamation District 2035		1100 · Accounts Receivable		4100 · Member Contributions-Rural	19,000.00
Invoice	09/13/2018	2018-11	Reclamation District 108		1100 · Accounts Receivable		4100 · Member Contributions-Rural	21,600.00
Invoice	09/13/2018	2018-12	Dunnigan Water District		1100 · Accounts Receivable		4100 · Member Contributions-Rural	5,350.00
Invoice	09/13/2018	2018-13	Esparto Community Service District		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	5,000.00
Invoice	09/13/2018	2018-14	Yocha Dehe Wintun Nation		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	10,000.00
Invoice	09/13/2018	2018-15	City of Winters		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	20,000.00
Invoice	09/13/2018	2018-16	City of Woodland		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	09/13/2018	2018-17	City of Davis		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	09/13/2018	2018-18	YCFC&WCD		1100 · Accounts Receivable		4100 · Member Contributions-Rural	110,000.00
Invoice	09/13/2018	2018-19	County of Yolo		1100 · Accounts Receivable		4100 · Member Contributions-Rural	40,000.00
Invoice	09/13/2018	2018-20	University of California Davis		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	40,000.00
Invoice	09/13/2018	2018-21	Madison Community Service District		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	5,000.00
Invoice	09/13/2018	2018-22	Reclamation District 537		1100 · Accounts Receivable		4100 · Member Contributions-Rural	2,600.00
Invoice	09/13/2018	2018-24	Reclamation District 785		1100 · Accounts Receivable		4100 · Member Contributions-Rural	1,600.00
Payment	09/26/2018	ACH #2296	Reclamation District 730		1200 · Undeposited Funds	√	1100 · Accounts Receivable	2,249.00
Deposit	09/26/2018			Deposit - ACH #2296	1000 · 1st Northern-Checking	√	1200 · Undeposited Funds	2,249.00
Payment	09/28/2018	28807	Reclamation District 108		1200 · Undeposited Funds	√	1100 · Accounts Receivable	10,800.00
Deposit	09/30/2018			Interest	1010 · 1st Northern-Savings	√	4400 · Interest Income	6.03
Bill	10/01/2018		ACWA/JPIA		2000 · Accounts Payable		5300 · Insurance-General & Auto	-1,969.00
Check	10/01/2018			Service Charge	1020 · Yolo County Treasury	√	5100 · Bank & Other Fees	-47.76
Deposit	10/01/2018			Interest	1020 · Yolo County Treasury	√	4400 · Interest Income	904.18
Bill	10/02/2018	GEI - 2017	Yolo County Flood Control & WCD		2000 · Accounts Payable		7100 · Project Mgmt-SGMA Implementatio	-33,922.25
Payment	10/02/2018	6496	Yolo County Farm Bureau		1200 · Undeposited Funds	√	1100 · Accounts Receivable	10,000.00
Payment	10/02/2018	1500043276	California American Water Company		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,000.00

Yolo Subbasin Groundwater Agency

Transaction List by Date

July 2018 through November 2018

Payment	10/02/2018	2151	Reclamation District 827		1200 · Undeposited Funds	√	1100 · Accounts Receivable	613.00
Payment	10/02/2018	46218	Reclamation District 787		1200 · Undeposited Funds	√	1100 · Accounts Receivable	14,700.00
Payment	10/02/2018	50895	City of Winters		1200 · Undeposited Funds	√	1100 · Accounts Receivable	20,000.00
Payment	10/04/2018	17559	Esparto Community Service District		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,000.00
Payment	10/04/2018	56084	YCFC&WCD		1200 · Undeposited Funds	√	1100 · Accounts Receivable	110,000.00
Payment	10/08/2018	128036	Yocha Dehe Wintun Nation		1200 · Undeposited Funds	√	1100 · Accounts Receivable	10,000.00
Payment	10/09/2018	282487	City of Woodland		1200 · Undeposited Funds	√	1100 · Accounts Receivable	40,000.00
Payment	10/11/2018	2383	Madison Community Service District		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,000.00
Payment	10/11/2018	2384	Reclamation District 1600		1200 · Undeposited Funds	√	1100 · Accounts Receivable	3,462.00
Deposit	10/11/2018	EFT		Deposit	1000 · 1st Northern-Checking	√	-SPLIT-	8,462.00
Bill	10/11/2018	529200	Downey Brand		2000 · Accounts Payable		7300 · Legal Services	-1,505.00
Deposit	10/12/2018			Deposit	1020 · Yolo County Treasury	√	-SPLIT-	226,113.00
Transfer	10/18/2018			Funds Transfer	1010 · 1st Northern-Savings	√	1000 · 1st Northern-Checking	-28,000.00
Payment	10/22/2018	10970908	University of California Davis		1200 · Undeposited Funds	√	1100 · Accounts Receivable	40,000.00
Bill Pmt -Check	10/23/2018	113	ACWA/JPIA		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-1,969.00
Bill Pmt -Check	10/23/2018	114	Downey Brand		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-1,505.00
Bill Pmt -Check	10/23/2018	115	Yolo County Flood Control & WCD		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-33,922.25
Payment	10/23/2018	279754	City of West Sacramento		1200 · Undeposited Funds	√	1100 · Accounts Receivable	40,000.00
Payment	10/26/2018	9096	Dunnigan Water District		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,350.00
Check	11/08/2018			Service Charge	1000 · 1st Northern-Checking	√	5100 · Bank & Other Fees	-25.00
Deposit	11/26/2018			Deposit	1020 · Yolo County Treasury	√	-SPLIT-	90,350.00
Payment	11/29/2018	ACH 2650	Reclamation District 537		1200 · Undeposited Funds	√	1100 · Accounts Receivable	2,600.00
Payment	11/29/2018	3762	Colusa Drain Mutual Water Comany		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,000.00
Deposit	11/29/2018			Deposit	1000 · 1st Northern-Checking	√	1200 · Undeposited Funds	2,600.00

Yolo Subbasin Groundwater Agency

Groundwater Sustainability Agency

34274 State Highway 16 Woodland, CA 95695 530.662.3211 www.yologroundwater.org

EXECUTIVE COMMITTEE REPORT

Date: January 14, 2019
To: YSGA Board of Directors
From: Executive Committee
Re: **APPROVE 2019 BOARD OF DIRECTORS' MEETING DATES**

Recommendation

Board approval of 2019 meeting dates (as proposed below).

Background

The Executive Committee recommends setting meeting dates for 2019. The proposed Monday meeting dates are:

January 14, 2019
March 18, 2019
June 17, 2019
September 16, 2019
November 18, 2019

Unless otherwise notified, all meetings will start at 3:30 p.m. in the Woodland Community & Senior Center, 2001 East Street, Woodland. The Executive Committee reserves the option of scheduling special meeting(s) as needed during the year.

Yolo Subbasin Groundwater Agency

Groundwater Sustainability Agency

34274 State Highway 16 Woodland, CA 95695 530.662.3211 www.yologroundwater.org

EXECUTIVE COMMITTEE REPORT

Date: January 14, 2019
To: YSGA Board of Directors
From: Executive Committee
Re: **SELECTION OF FIRM to PERFORM AUDITS for FISCAL YEARS ENDING 2017-2018, 2018-2019, and 2019-2020**

Recommendation

This item is for informational purposes. Board action is not required.

Background

At the September 17, 2018 meeting, the Board approved the distribution of a Request for Proposals (RFP) to qualified firms for financial auditing services. The Board authorized the Executive Committee and the Executive Officer to select a qualified firm from the proposals received. The RFP requested a quote to include auditing three fiscal years ending June 30, 2018, 2019, and 2020.

The Administrative Coordinator submitted an RFP to 10 Certified Public Accountant firms that handle governmental and special district accounting. Five firms provided bid proposals, three firms did not respond, one firm declined to bid, and one RFP was returned as undeliverable. The Executive Committee reviewed and discussed the five proposals at the October 23, 2018 meeting. The lowest bid was disqualified because they did not provide all the information requested in the RFP and therefore did not allow for a fair comparison of qualifications. The Committee delegated the Chair and Executive Officer to review the three lowest bids for a final recommendation of award. Richardson & Company, LLP* from Sacramento, California was selected as the preferred auditor. Audit field work is scheduled to begin in January 2019 with an anticipated final report to the Board in March 2019.

* Footnote: Richardson & Company is the current auditor for the YCFC&WCD. The Executive Officer consulted YSGA legal counsel and confirmed that contracting with this firm does not represent a legal conflict of interest.

Yolo Subbasin Groundwater Agency Board of Directors **Meeting Agenda Report**

MEETING DATE: January 14, 2019

AGENDA ITEM NO. 8

SUBJECT: Presentation: Update on Basin Boundary Modification Request

INITIATED OR ☐ BOARD

☒ INFORMATION

REQUESTED BY: ☒ STAFF

☐ ACTION: ☐ MOTION

☐ OTHER _____

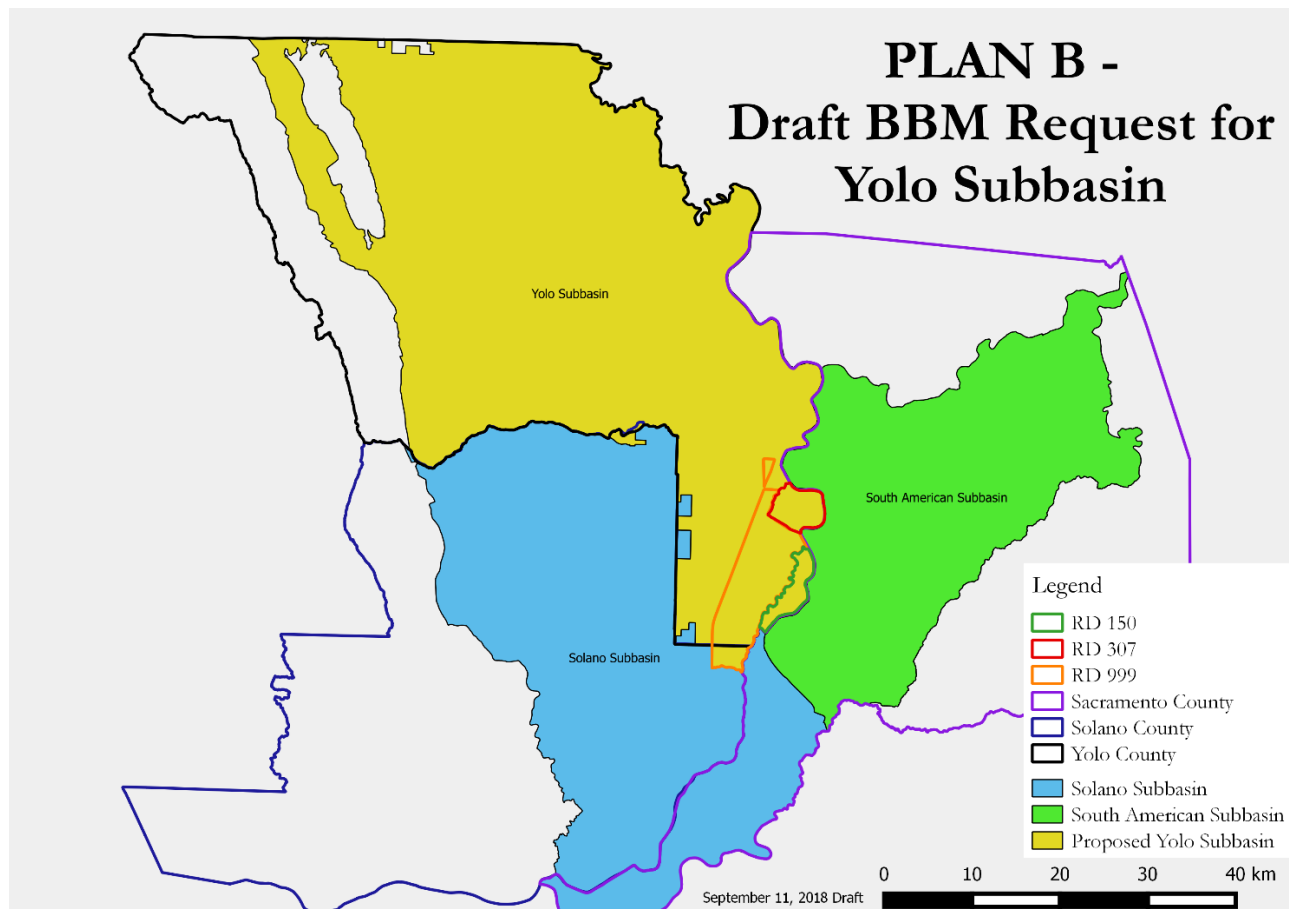
☐ RESOLUTION

ATTACHMENT ☐ YES ☒ NO

BACKGROUND

As approved at the June 18, 2018 Board meeting, staff submitted a Basin Boundary Modification Request to the California Department of Water Resources (DWR) on September 14, 2018 to modify the Yolo Subbasin. The modification request was primarily for incorporating Reclamation Districts 150 and 999 into the Yolo Subbasin; however, a “Plan B” modification was also requested to ensure no “islands” were created from an adjacent modification request being denied by DWR. This “Plan B” modification consisted of incorporating Reclamation Districts 150, 999, and 307. DWR announced draft modifications on November 29, 2018, which accepted the “Plan B” modification as the new Yolo Subbasin. The revised, draft Yolo Subbasin is shown in the map below. Final modifications are expected to be announced in February 2019.

As discussed at previous Board meetings, Reclamation Districts 150 and 999 still intend to join the YSGA as a JPA member. Staff are currently working with Reclamation District 307 to determine whether they will also become a member of the YSGA. A consideration item for formally adding Reclamation Districts 150 and 999 (and potentially Reclamation District 307) to the YSGA will be presented at the March 18, 2019 Board meeting.



RECOMMENDATION

This agenda item is for informational purposes only. No Board action is required.

Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda Report

MEETING DATE: January 14, 2019

AGENDA ITEM NO. 9

SUBJECT: Presentation: Update on Groundwater Sustainability Plan Development

INITIATED OR ☐ BOARD
REQUESTED BY: ☒ STAFF
☐ OTHER _____

☒ INFORMATION
☐ ACTION: ☐ MOTION
☐ RESOLUTION

ATTACHMENT ☐ YES ☒ NO

BACKGROUND

On behalf of the YSGA, the Yolo County Flood Control and Water Conservation District has entered into an agreement with the California Department of Water Resources for receiving a Proposition 1 Sustainable Groundwater Planning grant in the amount of \$1 million. As mentioned in Item No. 8, the modification and expansion of the Yolo Subbasin will affect all aspects of the Yolo Subbasin Groundwater Sustainability Plan (GSP) development process.

GSP Development includes

- interbasin and intrabasin **Stakeholder Outreach and Engagement**;
- the continuation of the **Public Notification and Communications** process, including an update to the website and development of a **Communication and Engagement Plan**;
- the development of a **Hydrogeologic Conceptual Model** and **Water Budget**;
- an update to the **Monitoring Network** and **Data Management System**; and
- ultimately, the development of the **Sustainable Management Criteria**, including an identification and analysis of the undesirable results and sustainability goal.

Stakeholder Outreach and Engagement/Public Notification and Communications

Staff are currently in the process developing a Communication and Engagement Plan to coordinate stakeholder outreach and engagement and public notification and communications processes. Staff will be meeting with GEI Consultants to discuss tracking tools for these efforts. The Communication and Engagement Plan will set goals and desired outcomes for the engagement and will discuss the process for hosting participatory planning workshops and coordinating with neighboring Groundwater Sustainability Agencies.

A draft of the Communication and Engagement Plan will be provided to the Working Group at a future meeting for discussion and review.

Hydrogeologic Conceptual Model

The YSGA has a significant amount of historical data, and numerous technical reports that were produced on behalf of the member agencies. Historical reports and empirical data that have been gathered will be the main source of information used to develop the Hydrogeologic Conceptual Model (HCM). Staff have started to catalog reports that will be used during the development of the HCM and Water Budget. Additionally, staff plan to solicit a Request for Qualifications (RFQ) for a qualified hydrogeologist to review the collated material and formally develop the HCM.

A draft of the HCM summary will be provided to the Working Group at a future meeting for discussion and review.

Water Budget

Staff and SEI have been working over the past year on the historical water budgets for the Yolo Subbasin utilizing SEI's Water Evaluation and Planning (WEAP) model and USGS' MODFLOW model. The second draft of the water budgets is complete, which highlights the interconnectedness of groundwater between agencies and shows that water levels generally recover for most parts of the Subbasin. During the water budget development, the groundwater monitoring network was thoroughly reviewed, and representative wells were selected for evaluating historical groundwater levels and appropriately estimating future scenarios. Groundwater sustainability was assessed for each entity and regions with significant data gaps were noted for points where future monitoring could be necessary. The review of the groundwater monitoring network provided great insight into how we can optimally manage the network moving forward.

Staff and SEI will be reaching out to agency staff to review the individual entity water budget before the water budgets will be considered final and a Subbasin-level (and potentially Management Area-level) water budget will be presented for review. Staff, technical agency staff, and SEI will be creating future scenarios to analyze the impact of climate, land use, and population changes on groundwater over the next 50 years.

Monitoring Network and Data Management System

The members of the YSGA have an extensive groundwater level monitoring network that has been utilized for over 60 years comprising over 450 monitoring, agricultural, and domestic wells. There are also 15 wells that are outfitted with continuous, real-time telemetry.

Staff are currently in the process of evaluating the groundwater monitoring network to determine how best to upgrade the network and data management system. Staff and contractors will be videologging wells and surveying ground surface conditions to gather critical missing information from existing wells. Additionally, staff will be incorporating up to four real-time monitoring wells and up to 10 bi-annual monitoring wells into the monitoring network soon. The Water Resources Information Database (WRID) will be updated and enhanced to meet criteria required by SGMA and to enhance functionality.

The monitoring network and data management system updates will be discussed at future Working Group meetings for technical agency staff input.

Sustainable Management Criteria

Since the development of the Sustainable Management Criteria (SMC) is a culmination of the HCM, water budget, monitoring network and data management system update, and Communication and Engagement Plan, staff plan to initiate the development of the SMC soon. The results of the water budget and modeling efforts, the HCM, and data collected from the monitoring network will assist staff and the Working Group in informing stakeholders of current conditions within the Yolo Subbasin. Staff and the Working Group will begin developing the measurable objectives and minimum thresholds for each sustainability indicator, and management actions will be considered to avoid the occurrence of undesirable results.

Starting in February, standing monthly Working Group meetings will be established for 2019. Executive Officer O'Halloran will reach out to agency staff for scheduling those meetings.

RECOMMENDATION

This agenda item is for informational purposes only. No Board action is required.